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AMENDMENTS TO THE CLAIMS

1-25   (Canceled).

26.   (Previously Presented) A method for performing textured mapping of a target area, the method comprising the steps of:

identifying an aperiodic tile set;

selecting a placement of said aperiodic tile set on a textured image area;

based on said placement, generating textured tiles by mapping said aperiodic tile set onto said textured image area; and

covering said target area in an aperiodic tiling pattern with at least one textured tile selected from said textured tiles.

27.   (Previously Presented) The method of claim 26, further comprising the step of: receiving input that defines said textured image area.

28.   (Previously Presented) The method of claim 26, wherein said step of covering said target area in said aperiodic tiling pattern with said textured tiles includes the step of: placing said texture tiles in an overlapping configuration on said target area.

29-30. (Canceled).

31.   (Previously Presented) A computer-readable medium carrying one or more sequences of instructions for performing textured mapping of a target area, wherein execution of the

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one or more sequences of instructions by one or more processors causes the one or more

processor to perform the steps of:

identifying an aperiodic tile set;

selecting a placement of said aperiodic tile set on a textured image area;

based on said placement, generating texture tiles by mapping said aperiodic tile set onto

said textured image area; and

covering said target area in an aperiodic tiling pattern with at least one textured tile

selected from said textured tiles.

32.   (Previously Presented) The computer-readable medium of claim 31, wherein said

execution causes said one or more processor to perform the step of: receiving input that

defines said textured image area.

33.   (Previously Presented) The computer-readable medium of claim 31, wherein said step of

covering said target area in said aperiodic tiling pattern includes the step of: placing said

texture tiles in an overlapping configuration on said target area.

34-35. (Canceled).

36.   (Previously Presented) The method of claim 26, wherein said step of selecting said

placement of said aperiodic tile set includes the step of: placing at least two aperiodic

tiles from said aperiodic tile set in an overlapping configuration on said textured image

area.

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37. (Previously Presented) The method of claim 26, further comprising the step of: combining colors of a first texel from a first texture tile and a second texel from a second texture tile, wherein said first texel and said second texel map to a single pixel within said target area.

38. (Previously Presented) The computer-readable medium of claim 31, wherein said step of selecting said placement of said aperiodic tile set includes the step of: placing at least two aperiodic tiles from said aperiodic tile set in an overlapping configuration on said textured image area.

39. (Previously Presented) The computer-readable medium of claim 31, further comprising the step of: combining colors of a first texel from a first texture tile and a second texel from a second texture tile, wherein said first texel and said second texel map to a single pixel within said target area.